IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kazuyuki YAMAGUCHI

Serial No. (unknown)

Filed herewith

CONGESTION CONTROL METHOD
AND SYSTEM

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 3 as follows:

3.   (Amended)   The congestion control method according to claim 1, wherein

the association identifiers are constituted respectively by identifiers representing "start," "continue," and "end,"

upon the occurrence of congestion in the contents server, the contents server judges the association identifier contained in the screen information to be supplied, and

for a request for the connection of a service provided with an association identifier representing "continue," the relay of the transfer of service information is continued until an association identifier representing "end" appears, while for a request for the connection of a service

provided with an association identifier representing "start," the connection is cut off.

Please amend claim 4 as follows:

4.   (Amended)   The congestion control method according to claim 1, wherein

the Internet is connected to a public telecommunication network through a telephony service server,

association identifiers for identifying, as the flow of a series of services, screen informations ranging from information in a service top menu to supply information in contemplated service are imparted to respective screen informations in a tree structure constituting a web service provided by the telephony service server, and

upon the occurrence of congestion, priority connection control of the service on connection is performed based on the association identifiers.

Please amend claim 9 as follows:

9.   (Amended)   The congestion control system according to claim 6, wherein

a telephony service server for connecting the Internet to a public telecommunication network is provided,

association identifiers for performing the priority connection control of a service being in connection upon the occurrence of congestion are imparted respectively to screens

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of a tree structure constituting a web service provided by the telephony service server, and

the telephony service server comprises: means for judging the association identifiers, contained in the screen information, as a series of service elements; and means for performing the priority connection control of a service being in connection upon the occurrence of congestion in the telephony service server.

Please amend claim 10 as follows:

10. (Amended) The congestion control system according to claim 6, wherein

the association identifiers are constituted respectively by identifiers representing "start," "continue," and "end,"

upon the occurrence of congestion, for a request for the connection of a service provided with an association identifier representing "continue," the means for performing the priority connection control of a service being in connection continues the transfer of service information until an association identifier representing "end" appears, while for a request for the connection of a service provided with an association identifier representing "start," the means for performing the priority connection control of a service on connection cuts off the connection.

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Please amend claim 14 as follows:

14. (Amended) The congestion control system according to claim 11, wherein the congested state management function judges the congested state based on the usage of CPU in GW system.

R E M A R K S

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claim 3 has been amended as follows:

3.   (Amended)   The congestion control method according to <u>claim 1</u> ~~or 2~~, wherein

the association identifiers are constituted respectively by identifiers representing "start," "continue," and "end,"

upon the occurrence of congestion in the contents server, the contents server judges the association identifier contained in the screen information to be supplied, and

for a request for the connection of a service provided with an association identifier representing "continue," the relay of the transfer of service information is continued until an association identifier representing "end" appears, while for a request for the connection of a service provided with an association identifier representing "start," the connection is cut off.

Claim 4 has been amended as follows:

4.   (Amended)   The congestion control method according to ~~any one of claims 1 to 3,~~ <u>claim 1,</u> wherein

the Internet is connected to a public telecommunication network through a telephony service server,

association identifiers for identifying, as the flow of a series of services, screen informations ranging from information in a service top menu to supply information in contemplated service are imparted to respective screen informations in a tree structure constituting a web service provided by the telephony service server, and

upon the occurrence of congestion, priority connection control of the service on connection is performed based on the association identifiers.

Claim 9 has been amended as follows:

9.   (Amended)   The congestion control system according to ~~any one of claims 6 to 8,~~ claim 6, wherein

a telephony service server for connecting the Internet to a public telecommunication network is provided,

association identifiers for performing the priority connection control of a service being in connection upon the occurrence of congestion are imparted respectively to screens of a tree structure constituting a web service provided by the telephony service server, and

the telephony service server comprises: means for judging the association identifiers, contained in the screen information, as a series of service elements; and means for performing the priority connection control of a service being in connection upon the occurrence of congestion in the telephony service server.

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Claim 10 has been amended as follows:

10. (Amended) The congestion control system according to ~~any one of claims 7 to 9,~~ claim 6, wherein

the association identifiers are constituted respectively by identifiers representing "start," "continue," and "end,"

upon the occurrence of congestion, for a request for the connection of a service provided with an association identifier representing "continue," the means for performing the priority connection control of a service being in connection continues the transfer of service information until an association identifier representing "end" appears, while for a request for the connection of a service provided with an asociation identifier representing "start," the means for performing the priority connection control of a service on connection cuts off the connection.

Claim 14 has been amended as follows:

14. (Amended) The congestion control system according to ~~any one of claims 11 to 13,~~ claim 11, wherein the congested state management function judges the congested state based on the usage of CPU in GW system.